

FORMPTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE NOV 12 2002 INFORMATION DISCLOSURE STATEMENT OF APPLICANT				ATTY DOCKET NO. TSRI 696.1		SERIAL NO. 09/980,869	
				APPLICANT Wong, et al.			
				FILING DATE 2/12/2002		GROUP 2875 1626	
U.S. PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO

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SNW	1	Hettkamp, et al., "Purification by affinity chromatography of glucosidase I, an endoplasmic reticulum hydrolase involved in the processing of asparagine-linked oligosaccharides", <u>Eur. J. Biochem.</u> 142: 85-90 (1984)
SNW	2	Fleet, et al., "Potent Competitive Inhibition of α -Galactosidase and α -Glucosidase Activity by 1,4-Dideoxy-1,4-Iminopentitols: Syntheses of 1,4-Dideoxy-1,4-Imino-D-Lyxitol and of Both Enantiomers of 1,4-Dideoxy-1,4-Iminoarabinitol", <u>Tetrahedron Lett.</u> 26: 3127-3130 (1985)
SNW	3	Schweden, et al., "Characterization of Calf Liver Glucosidase I and Its Inhibition by Basic Sugar Analogs", <u>Archives Biochem. Biophys.</u> 248: 335-340 (1986)
SNW	4	Pederson, et al., "A Combined Chemical and Enzymatic Procedure for the Synthesis of 1-Deoxynojirimycin and 1-Deoxymannojirimycin", <u>Tetrahedron Lett.</u> 29: 4645-4648 (1988)
SNW	5	Ziegler, et al., "Enzyme-Catalyzed Synthesis of 1-Deoxymannojirimycin, 1-Deoxynojirimycin, and 1,4-Dideoxy-1,4-imino-D-arabinitol", <u>Angew. Chem. Int. Ed. Engl.</u> 27: 716-717 (1988)
SNW	6	Fleet, et al., "Inhibition of HIV replication by amino-sugar derivatives", <u>FEBS Letters</u> 237: 128-132 (1988)
SNW	7	von der Osten, et al., "Use of a Recombinant Bacterial Fructose-1,6-diphosphate Aldolase in Aldol Reactions: Preparative Syntheses of 1-Deoxynojirimycin, 1-Deoxymannojirimycin, 1,4-Dideoxy-1,4-imino-D-arabinitol, and Fagomine", <u>J. Am. Chem. Soc.</u> 111: 3924-3927 (1989)
SNW	8	Kajimoto, et al., "Enzyme-Catalyzed Aldol Condensation for Asymmetric Synthesis of Azasugars: Synthesis, Evaluation, and Modeling of Glycosidase Inhibitors", <u>J. Am. Chem. Soc.</u> 113: 6187-6196 (1991)
SNW	9	Liu, et al., "Use of Dihydroxyacetone Phosphate Dependent Aldolases in the Synthesis of Deoxyazasugars", <u>J. Org. Chem.</u> 56: 6280-6289 (1991)
SNW	10	Pan, et al., "D-Mannonolactam Amidrazone", <u>J. Biol. Chem.</u> 267: 8313-8318 (1992)
SNW	11	Takaoka, et al., "Inhibition of N-Acetylglucosaminyltransfer Enzymes: Chemical-Enzymatic Synthesis of New Five-Membered Acetamido Azasugars", <u>J. Org. Chem.</u> 58: 4809-4812 (1993)
SNW	12	Hughes, et al., "Deoxynojirimycin: Synthesis and Biological Activity", <u>Nat. Product Rep.</u> : 135-162 (1994)
SNW	13	Schumacher-Wandersleb, et al., "Preparation of the N-Acetylglucosaminidase Inhibitor 1-Acetamido-1,2,5-trideoxy-2,5-imino-D-glucitol from Methyl α -D-Mannopyranoside", <u>Liebigs Ann. Chem.</u> : 555-561 (1994)
SNW	14	Wang, et al., "Remarkable Stereoselectivity in the Inhibition of α -Galactosidase from Coffee Bean by a New Polyhydroxypyrrolidine Inhibitor", <u>Angew. Chem. Int. Ed. Engl.</u> 33: 1242-1244 (1994)
EXAMINER		Sonya Wright DATE CONSIDERED 12-4-02

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

ATTY DOCKET NO.
TSRI 696.1

SERIAL NO.
09/980,869

APPLICANT
Wong, et al.

FILING DATE
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GROUP
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1626

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

SNW	15	Wong, et al., "Enzymes in Organic Synthesis: Application to the Problems of Carbohydrate Recognition (Part 1)", <u>Angew. Chem. Int. Ed. Engl.</u> 34: 412-432 (1995)
SNW	16	Wong, et al., "Enzymes in Organic Synthesis: Application to the Problems of Carbohydrate Recognition (Part 2)", <u>Angew. Chem. Int. Ed. Engl.</u> 34: 521-546 (1995)
SNW	17	Heightman, et al., "Synthesis of Galactose- and N-Acetylglucosamine-Derived Tetrazoles and Their Evaluation as β -Glycosidase Inhibitors", <u>Helvetica Chem. Acta</u> 78: 514-532 (1995)
SNW	18	Wong, et al., "Synthesis and Evaluation of Homoazasugars as Glycosidase Inhibitors", <u>J. Org. Chem.</u> 60: 1492-1501 (1995)
SNW	19	Hiranuma, et al., "Synthesis and Inhibition Analysis of Five-Membered Homoazasugars from D-Arabinofuranose via an S_N2 Reaction of the Chloromethylsulfonate", <u>Tetrahedron Lett.</u> 36: 8247-8250 (1995)
SNW	20	Ganem, "Inhibitors of Carbohydrate-Processing Enzymes: Design and Synthesis of Sugar-Shaped Heterocycles", <u>Acc. Chem. Res.</u> 29: 340-347 (1996)
SNW	21	Picasso, "Azasugar Glycosidase Inhibitors: Useful Tools for Glycobiologists", <u>CHIMIA</u> 50: 648-649 (1996)
SNW	22	Ichikawa, et al., "1-N-Iminosugars: Potent and Selective Inhibitors of β -Glycosidases", <u>J. Am. Chem. Soc.</u> 120: 3007-3018 (1998)

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